

Project Title	Funding	Strategic Plan Objective	Institution
Understanding the genetic basis of autism	\$6,557,422	Q3.L.B	Cold Spring Harbor Laboratory
Gene-environment interactions in an autism birth cohort	\$3,012,046	Q3.L.D	Columbia University
Autism Treatment Network (ATN)	\$1,721,387	Q7.N	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	\$1,036,843	Q7.D	Autism Speaks (AS)
ACE Network: Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network	\$1,000,000	Q3.L.D	Mount Sinai School of Medicine
Population-based autism genetics & environment study	\$723,934	Q3.L.D	Mount Sinai School of Medicine
SFARI Conferences, Workshops & Events	\$665,195	Q7.Other	N/A
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$570,508	Q2.Other	University of Rochester
Autism Tissue Program (ATP)	\$560,220	Q7.D	Autism Speaks (AS)
Sensory processing and integration in autism	\$548,158	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Cell adhesion molecules in autism: A whole-brain study of genetic mouse models	\$485,438	Q2.Other	Cold Spring Harbor Laboratory
Identifying therapeutic targets for autism using Shank3-deficient mice	\$484,667	Q4.S.B	Mount Sinai School of Medicine
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$470,003	Q2.Other	Sloan-Kettering Institute for Cancer Research
High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	\$464,475	Q2.Other	Cold Spring Harbor Laboratory
Longitudinal studies of autism spectrum disorders: 2 to 23	\$426,762	Q6.L.B	Weill Cornell Medical College
Role of Sema7A in functional organization of neocortex	\$423,750	Q2.S.D	Mount Sinai School of Medicine
Bioinformatics support for AGRE	\$422,519	Q7.D	Autism Speaks (AS)
Glial control of neuronal receptive ending morphology	\$418,275	Q2.Other	The Rockefeller University
Dysregulation of mTOR signaling in fragile X syndrome	\$415,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Molecular analysis of bipolar and schizophrenia candidate genes	\$415,000	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
2/3-Multisite RCT of early intervention for spoken communication in autism	\$391,019	Q4.S.F	University of Rochester
Allelic choice in Rett syndrome	\$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
Auditory and integrative functions of the prefrontal cortex	\$387,285	Q2.Other	University of Rochester
Canonical neural computation in autism spectrum disorders	\$365,741	Q2.Other	New York University
Molecular components of A-type K <sup>+</sup> channels	\$363,366	Q2.S.E	New York University School of Medicine
Neural basis of behavioral flexibility	\$360,214	Q2.Other	Mount Sinai School of Medicine
16p11.2: defining the gene(s) responsible	\$350,000	Q4.S.B	Cold Spring Harbor Laboratory
Novel statistical methods for DNA sequencing data, and applications to autism	\$339,743	Q3.L.B	Columbia University

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Defining cells and circuits affected in autism spectrum disorders	\$336,872	Q2.Other	The Rockefeller University
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$300,000	Q2.S.D	Columbia University
Alterations in brain-wide neuroanatomy in autism mouse models	\$300,000	Q2.Other	Cold Spring Harbor Laboratory
Investigating the effects of chromosome 22q11.2 deletions	\$300,000	Q4.S.B	Columbia University
Evaluating the impact of early intervention services on young children with autism spectrum disorders and their families: A state systems approach	\$300,000	Q5.S.C	Health Research, Inc.; New York State Department of Health
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$284,658	Q4.S.D	Weill Cornell Medical College
Divergent biases for conspecifics as early markers for autism spectrum disorders	\$269,604	Q1.L.A	New York University
3/3-Atomoxetine placebo and parent training in autism	\$263,639	Q4.S.F	University of Rochester
Modeling 5-HT-absorbing neurons in neuropathology of autism	\$250,500	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Queen's College (City University of New York)
3/5-Randomized trial of parent training for young children with autism	\$230,655	Q4.S.D	University of Rochester
Metacognition in comparative perspective	\$210,561	Q2.Other	University at Buffalo, The State University of New York
Novel regulatory network involving non-coding role of an ASD candidate gene PTEN	\$208,750	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q2.Other	Columbia University
Assisted reproductive technologies and increased autism risk	\$200,000	Q3.L.C	Columbia University
Preparing teachers to teach children with autism & developmental disabilities	\$199,989	Q5.Other	Bank Street College of Education
Role of neurexin in the amygdala and associated fear memory	\$175,000	Q2.Other	Columbia University
Investigation of social brain circuits in mouse models of the 16p11.2 locus	\$175,000	Q2.Other	Cold Spring Harbor Laboratory
Translational developmental neuroscience of autism	\$168,116	Q1.L.B	New York University School of Medicine
Role of cadherin-8 in the assembly of prefrontal cortical circuits	\$155,940	Q4.S.B	Mount Sinai School of Medicine
Investigation of a possible role of the protocadherin gene cluster in autism	\$150,000	Q2.Other	Columbia University
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities

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Sensory integration and language processing in autism	\$149,556	Q1.L.C	University of Rochester
PsychoGenics Inc.	\$147,925	Q4.S.B	PsychoGenics Inc.
Autism spectrum disorder and autoimmune disease of mothers	\$137,219	Q3.S.E	The Feinstein Institute for Medical Research
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	\$137,173	Q4.S.B	Mount Sinai School of Medicine
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$136,125	Q2.S.G	Columbia University
Fragile X syndrome target analysis and its contribution to autism	\$134,477	Q2.S.D	The Rockefeller University
Simons Variation in Individuals Project (VIP) Principal Investigator	\$126,453	Q2.S.G	Columbia University
Multigenic basis for autism linked to 22q13 chromosomal region	\$125,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
RNA dysregulation in autism	\$125,000	Q2.Other	The Rockefeller University
Testing the use of helminth worm ova in treating autism spectrum disorders	\$124,802	Q4.L.A	Montefiore Medical Center
Identifying therapeutic targets for autism using Shank3-deficient mice (supplement)	\$121,077	Q4.S.B	Mount Sinai School of Medicine
Cell type-specific profiling for autism spectrum disorders	\$120,000	Q4.S.B	Columbia University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$106,218	Q1.Other	Cornell University
Regulation of gene expression in ASD through a novel polycomb complex	\$100,855	Q3.S.J	New York University School of Medicine
Bayesian variable selection in generalized linear models with missing variables	\$95,377	Q2.Other	Hunter College (City University of New York)
Building awareness of the value of brain tissue donation for autism research	\$90,120	Q2.S.C	Autism Science Foundation
Autism, GI symptoms and the enteric microbiota	\$87,642	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$73,534	Q2.S.G	Columbia University
Dysregulation of mTOR signaling in fragile X syndrome (supplement)	\$72,034	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Hyperthermia and the amelioration of autism symptoms	\$66,153	Q2.S.A	Montefiore Medical Center
Investigation of social brain circuits and fever-evoked response in 16p11.2 mice	\$60,000	Q2.Other	Cold Spring Harbor Laboratory
Genetic and environmental interactions leading to autism-like symptoms	\$60,000	Q3.S.K	The Rockefeller University
Autism Genome Project Consortium data reanalysis using computational biostatistics	\$60,000	Q3.L.B	The Rockefeller University

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High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	\$54,500	Q2.Other	Weill Cornell Medical College
Cortical dynamics in autism	\$52,190	Q2.Other	New York University
Role of neuronal migration genes in synaptogenesis and plasticity	\$52,190	Q2.Other	Weill Cornell Medical College
Baby Siblings Research Consortium	\$50,000	Q1.S.B	Autism Speaks (AS)
Behavioral and neural underpinnings of learning in autism predict response to intervention	\$48,000	Q4.S.F	Weill Cornell Medical College
Paternal age and epigenetic mechanisms in psychiatric disease	\$45,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
ASD prevalence by DSM-IV and DSM-5: Total population study	\$44,660	Q1.Other	Nathan Kline Institute
Simons Simplex Collection support grant	\$34,200	Q3.L.B	Weill Cornell Medical College
Pragmatics and semantics in autism spectrum disorder	\$29,155	Q2.Other	City University of New York Graduate School and University Center
Spatial attention in autism spectrum disorders	\$28,600	Q2.Other	New York University
The neural bases of top-down attentional control in autism spectrum disorders	\$27,578	Q2.Other	City College of New York
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$25,000	Q2.Other	Columbia University
Predictive factors of participation in employment for high school leavers with autism	\$24,622	Q6.S.A	Columbia University
Brain mitochondrial abnormalities in autism	\$20,000	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Randomized clinical trial of mind reading and in vivo rehearsal for children with HFASDs	\$20,000	Q4.S.F	Canisius College
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	\$20,000	Q4.S.H	Columbia University
Creating a more effective path to housing for people with ASD	\$20,000	Q6.Other	Westchester Institute for Human Development
Multi-registry analyses for iCARE - Data Management Core	\$16,907	Q3.S.H	Columbia University
Autism Genome Project (AGP)	\$10,000	Q3.L.B	Autism Speaks (AS)
Evaluation of synchronous online parent skill training	\$10,000	Q4.L.D	The Research Foundation of the State University of New York
Banbury Center Conference	\$10,000	Q7.K	Cold Spring Harbor Laboratory
Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children	\$8,505	Q2.Other	Hartwick College
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	\$7,260	Q2.S.A	Hartwick College

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Simons Simplex Collection support grant	\$1,430	Q3.L.B	Columbia University
Dynamics of cortical interactions in autism spectrum disorders	\$0	Q1.L.A	Cornell University
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$0	Q1.L.C	Columbia University
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	\$0	Q1.Other	Columbia University
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$0	Q2.S.A	Weill Cornell Medical College
Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	\$0	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Social cognition in 22q11.2 deletion syndrom (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$0	Q2.S.G	State University of New York Upstate Medical Center
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
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Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
Excessive cap-dependent translation as a molecular mechanism underlying ASD	\$0	Q2.Other	New York University
Social behavior deficits in autism: Role of amygdala	\$0	Q2.Other	State University of New York Upstate Medical Center
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$0	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester

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Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Genetic basis of autism	\$0	Q3.L.B	Cold Spring Harbor Laboratory
Simons Foundation Simplex Project Collection Site	\$0	Q3.L.B	Weill Cornell Medical College
Simons Simplex Collection Site	\$0	Q3.L.B	Columbia University
The role of SHANK3 in autism spectrum disorders	\$0	Q4.S.B	Mount Sinai School of Medicine
Genomic imbalances at the 22q11 locus and predisposition to autism	\$0	Q4.S.B	Columbia University
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Personnel to serve students with autism and significant cognitive disabilities	\$0	Q5.Other	Pace University
Autism Treatment Network (ATN) 2011- University of Rochester	\$0	Q7.N	University of Rochester
Autism Treatment Network (ATN) 2011- Columbia University	\$0	Q7.N	Columbia University

